

TIMBER NOTICE OF SALE

**SALE NAME:** *LITTLE TIGER THINNING*

**AGREEMENT NO:** 30-078638

**AUCTION:** November 30, 2006 starting at 10:00 a.m., **COUNTY:** Skamania  
Pacific Cascade Region Office, Castle Rock, WA

**SALE LOCATION:** Sale located approximately 33 miles northeast of Washougal, WA

**PRODUCTS SOLD AND SALE AREA:** All timber as described in Schedule A bounded by the following: timber sale boundary tags and the CG-2050 road in Unit #1; timber sale boundary tags, reprod and the CG-2050 A road in Unit #2; timber sale boundary tags in Unit #3; timber sale boundary tags and the CG-2002 road in Unit #4 and Unit #5; timber sale boundary tags and the CG-2070 and CG-2071 roads in Unit #6; timber sale boundary tags, reprod, and the CG-2070 road in Unit #7; timber sale boundary tags in Unit #8; timber sale boundary tags and reprod in Unit #9; timber sale boundary tags, reprod and the CG-2070 road in Unit #10; timber sale boundary tags reprod and the CG-2071 road in Unit #11; timber sale boundary tags and the CG-2080 road in Unit #12; timber sale boundary tags reprod and the CG-2090A road in Unit #13; timber sale boundary tags and reprod in Unit #14; timber sale boundary tags, the CG-2080 and CG-2080F roads in Unit #15, all timber within the "gaps," as shown on the timber sale map, bounded by Special Management Area boundary tags or all timber within the "gaps," marked with orange paint, all timber, for those roads constructed, bounded by right-of-way boundary tags on part(s) of Sections 8, 17 and 18 all in Township 3 North, Range 7 East, Sections 2, 11, 12, 13 and 14 all in Township 3 North, Range 6 East, W.M., containing 393 acres, more or less.

**ESTIMATED SALE VOLUMES AND QUALITY:**

Species	Avg DBH	Ring Count	Total MBF	Total Tons	Price \$/Ton	MBF by Grade								UT
						1P	2P	3P	SM	1S	2S	3S	4S	
Douglas fir	10		2,935	18,824	\$25.20						255	1,652	1,028	
Hemlock	10.6		241	1,920	\$25.20						17	150	74	
Red alder	14.1		55	428	\$10.00						13	18	24	
Maple	10.4		34	296	\$10.00							12	22	
White fir	9.4		12	80	\$25.20							10	2	
Sale Total			3,277	21,548										

**MINIMUM BID:** \$25.2/ton (est. value \$532,000.00) **BID METHOD:** Sealed Bids

**PERFORMANCE SECURITY:** \$100,000.00 **SALE TYPE:** Tonnage Scale

**EXPIRATION DATE:** October 31, 2008 **ALLOCATION:** Export Restricted

**BIDDABLE SPECIES:** Douglas fir

**BID DEPOSIT:** \$53,200.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

**HARVEST METHOD:** Cable harvesting equipment with tracked harvesting equipment being restricted to slopes of 35% and less during dry soil conditions. Intermediate supports will be needed on some settings to avoid blind leads and maintain lead-end suspension. All take trees within gaps are marked with orange paint, except those surrounded by blue Special Management Area tags. All trees within these tags shall be cut, except those trees painted blue. The boundaries between light and heavy thinning areas are trees marked with painted yellow dots facing into the light thin areas and painted red dots facing into the heavy thin areas (see the timber sale map for details). Any spur road or portion of spur road not constructed shall be thinned in accordance with the specifications listed in Schedule A. See clause H-140 for further harvesting restrictions and requirements. Falling and Yarding will not be permitted from March 1 to August 31 unless authorized in writing by the Contract Administrator within approximately 16 acres of Unit #2 as described by the Contract Administrator to the harvest operator.

**ROADS:** 259.79 stations of required reconstruction. 168.60 stations of optional construction. 38.71 stations of optional reconstruction. 5.01 miles of pre-haul maintenance. 207.31 stations of road abandonment. 41.44 stations of road deactivation. Rock is available at no charge from three State pits in Sections 12, 14, and 15, Township 3 North, Range 06 East, W.M. Existing 40- foot and 54- foot steel portable bridges to be installed are the property of the State and shall be installed by the purchaser according to the installation details and manufacturers specifications. Purchaser is responsible for loading, transporting, and subsequent installation of the bridges. The purchaser is responsible for any damage incurred during loading, transport, unloading, or use of the bridges. All stumps that are removed during the course of road building activities shall be placed at



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locations within the interior of the sale units in a linear fashion as designated by the contract administrator (no further than 300 feet from their origination). Road construction will not be permitted from November 1 to April 15 unless authorized in writing by the Contract Administrator.

**ACREAGE DETERMINATION**

**CRUISE METHOD:** Acreage was determined by digitized P&T map based on best photo estimate. Cruise was completed using variable plot cruise methods with some units being adjusted for the basal area target. Harvesting activities are estimated to be approximately 45% ground based and 55% cable.

**FEES:** \$43,420.00 is due on day of sale. \$1.37 per ton is due upon removal. These are in addition to the bid price.

**SPECIAL REMARKS:** The Pacific Crest Trail runs adjacent to the west boundary of Unit #12. The Snag Creek Trail runs through and adjacent to parts of Unit #11. See the H-140 clause in the contract for further trail protection.

SALE NAME: Little Tiger Thinning

Activity Objective

The objective of this partial cut is to enhance northern spotted owl habitat through a “variable density thinning from below”, creating a heterogeneous patchwork of densities and retaining the most vigorous and dominant conifers on site.

(Variable Density Thinning)  
LEAVE TREES DEFINED

Each unit consists (in general) of 3 treatments: gaps (clear-cut patches) with residual trees, un-thinned patches (skips) and areas to be thinned to a defined basal area target. The clear-cut patches (gaps) are approximately ½ to 1.0 acre in size. In small gaps all take trees are marked with orange paint; those trees within the gaps that are not marked shall be left. Large gaps are bound by blue “Special Management Boundary” tags. Inside these tags, all trees are to be cut, except those scattered residual trees marked with blue paint. The un-thinned patches (skips) are approximately ½ to 2.5 acres in size, and are bounded out with yellow “Leave Tree Area” tags or white “Timber Sale Area” tags. Unit 4 has been 100% marked with all leave trees painted blue. Unit 8 has been 100% marked with all take trees painted orange. No existing down woody debris shall be removed from the sale. Snags that must be felled for safety reasons shall remain on site where they fall.

*The thinning prescription for each unit is attached. Please see the second page.*

Leave trees will be selected by comparing their characteristics with other trees in the stand. The best leave trees should have the following characteristics (in descending order of importance):

- 1) Largest diameters and greatest height
- 2) Fullest and most vigorous crown
- 3) Free of major defect, damage, and disease

Leave trees shall be uniformly distributed over the thinned areas. Openings created by felling shall not exceed 25 feet between tree stems. In addition, leave snags where possible. *All green tree and snag retention is subject to the safety standards of the Department of Labor and Industries.*

Individual units with their respective prescriptions:

Unit	Approx. Size [ac]	Residual BA [ft2]/ac	Tree Species Cutting Order	Tree Species* Not To Cut	Diameter Limit** [inches]
Unit 1	36	180	red alder bigleaf maple Douglas-fir	western red cedar western hemlock	22”
Unit 2 Light	16	150	bigleaf maple Douglas-fir	western red cedar western hemlock	20”
Unit 2 Heavy	11	130	Douglas-fir	western red cedar western hemlock	21”
Unit 3	31.5 acres to thin 1.5 acres in gaps	160	Douglas-fir	western red cedar western hemlock	18”
Unit 4	13	100% leave trees marked (blue)	N/A	N/A	N/A

Unit	Approx. Size [ac]	Residual BA [ft2]/ac	Tree Species Cutting Order	Tree Species Not To Cut*	Diameter Limit** [inches]
Unit 5	8 acres to thin 1 acre in gaps	180	Douglas-fir	western hemlock western red cedar	21"
Unit 6	6 acres to thin 1 acre in gaps	150	Douglas-fir	western red cedar western hemlock	18"
Unit 7	5 acres to thin 1 acre in gaps	140	Douglas-fir	western red cedar western hemlock	18"
Unit 8	15.5 acres to thin 0.5 acres in gaps	100% take tree marked (orange)	N/A	N/A	N/A
Unit 9	3.5 acres to thin 0.5 acres in gaps	140	Douglas-fir	western red cedar western hemlock	17"
Unit 10	23.5 acres to thin 1.5 acres in gaps	160	Douglas-fir	western red cedar western white pine western hemlock	20"
Unit 11	56	160	red alder Douglas-fir	western red cedar western hemlock western white pine	17"
Unit 12	46	150	Douglas-fir western hemlock	western red cedar	17"
Unit 13	6	180	Douglas-fir western hemlock	western red cedar	21" Do not cut western hemlock <8" DBH
Unit 14	26	170	Douglas-fir	western red cedar western hemlock	18"
Unit 15	49 acres to thin 3 acres in gaps	160	Douglas-fir western hemlock	western red cedar	17"

\*The species in this list shall not be cut, although permission to cut for operational reasons may be granted by the contract administrator.

\*\* Diameter as measured 4.5' (DBH) above the ground. Trees at this DBH and larger shall not be cut, although permission to cut for operational reasons may be granted by the contract administrator. This applies to all tree species listed in the "Tree Species Cutting Order."